

IOWA COMMERCIAL APPLICATOR CERTIFICATION CONTINUING INSTRUCTIONAL COURSE (CIC) PROGRAM AGENDA (2015, 2016, 2017)

("Pesticide stewardship" is an integral part of a safe and successful pest control program and includes IPM, resistance management, scouting, economic and/or aesthetic thresholds, pesticide selection practices, reduced risk alternatives, conservation practices, & best management practices.) IDALS strongly recommends Pesticide stewardship be included in an effective Continuing Instruction Course Program.*

Category 1 - Ag Pest Control (1A, 1B, 1C, 1D)

Program 1 (2015)

1. Equipment calibration, and safe application techniques
2. Pests, pest management and pesticides
3. Phytotoxicity
4. Pesticide drift reduction

Program 2 (2016)

1. Recognition of sensitive areas, including groundwater and other non-target sites and organisms (pollinators) as potentially impacted by pesticide applications, drift and runoff.
2. Pests, pest management and pesticides
3. Pesticide labels
4. Restricted Entry Interval and Preharvest Intervals

Program 3 (2017)

1. Safe handling and storage of pesticides
2. Pests, pest management and pesticides
3. Laws and regulations
4. PPE

Category 2 – Forest Pest Control

Program 1 (2015)

1. Equipment calibration and safe application techniques, including proper use of specialized equipment
2. Pests, pest management and pesticides (in forests, forest nurseries or seed production areas)
3. Phytotoxicity
4. Pesticide drift reduction

Program 2 (2016)

1. Recognition of sensitive areas, including groundwater and other non-target sites and organisms (pollinators) as potentially impacted by pesticide applications, drift and runoff.
2. Pests, pest management and pesticides (in forests, forest nurseries or seed production areas)
3. Pesticide labels
4. Restricted Entry Intervals

Program 3 (2017)

1. Safe handling and storage of pesticides
2. Pests, pest management and pesticides (in forests, forest nurseries or seed production areas)
3. Laws and regulations
4. PPE

Category 3 – Ornamental, Turf and Greenhouse (30, 3T, 3G)

Program 1 (2015)

1. Equipment calibration and safe application techniques
2. Pests, pest management, and pesticides
3. Phytotoxicity
4. Pesticide drift reduction

Program 2 (2016)

1. Recognition of sensitive areas, including groundwater and other non-target sites and organisms (pollinators) as potentially impacted by pesticide applications, drift and runoff.
2. Pests, pest management, and pesticides
3. Pesticide labels
4. Restricted Entry Interval (Preharvest Intervals when applicable)

Program 3 (2017)

1. Safe handling and storage of pesticides
2. Pests, pest management and pesticides
3. Laws and regulations
4. PPE

Category 4 – Seed Treatment

Program 1 (2015)

1. Equipment calibration and safe application techniques
2. Pests, pest management and pesticides
3. Issues concerning treated seed, including disposal of unused treated seed

Program 2 (2016)

1. Recognition of sensitive areas, including groundwater and other non-target sites and organisms (pollinators) as potentially impacted by pesticide applications, drift and runoff.
2. Pests, pest management and pesticides
3. Pesticide labels, including seed coloration, carriers and surface active agents which influence pesticide binding and effect on germination

Program 3 (2017)

1. Safe handling and storage of pesticides (hazards associated with handling, sorting and mixing)
2. Pests, pest management, and pesticides
3. Laws and regulations
4. PPE

Category 5 – Aquatic Pest control

Program 1 (2015)

1. Equipment calibration, safe application techniques, including secondary effects which can be caused by improper application rates, incorrect formulations and faulty application
2. Pests, pest management and pesticides
3. Principles of limited area application
4. Pesticide drift reduction

Program 2 (2016)

1. Recognition of sensitive areas, including groundwater and other non-target sites and organisms (pollinators) as potentially impacted by pesticide applications, drift and runoff.
2. Pests, pest management and pesticides
3. Pesticide labels, including restricted entry intervals (preharvest intervals when applicable)

Program 3 (2017)

1. Safe handling and storage of pesticides
2. Pests, pest management and pesticides
3. Laws and regulations
3. PPE

Category 6 – Right-of-Way

Program 1 (2015)

1. Equipment calibration, safe application techniques
2. Pests, pest management and pesticides
3. Phytotoxicity
4. Pesticide drift reduction

Program 2 (2016)

1. Recognition of sensitive areas, including groundwater and other non-target sites and organisms (pollinators) as potentially impacted by pesticide applications, drift and runoff.
2. Pests, pest management and pesticides
3. Pesticide labels
4. Restricted Entry Interval and Preharvest Intervals

Program 3 (2017)

1. Safe handling and storage of pesticides
2. Pests, pest management and pesticides
3. Laws and regulations
4. PPE

Category 7 – Industrial, Institutional, Structural & Health Related (7A, 7B, 7C, 7D, 7E, 7F)

Program 1 (2015)

1. Equipment calibration, safe application techniques
2. Pests, pest management and pesticides, including a wide variety of pest life cycles
3. Reduction of off-target movement/drift of pesticides

Program 2 (2016)

1. Recognition of sensitive areas, including groundwater and other non-target sites and organisms (pollinators) as potentially impacted by pesticide applications, drift and runoff.
2. Pests, pest management and pesticides
3. Specific factors which may lead to a hazardous condition, including continuous exposure in various situations involving human exposure, including babies, children, pregnant women and elderly
4. Pesticide labels, including types of formulations and restricted entry intervals

Program 3 (2017)

1. Safe handling and storage of pesticides
2. Pests, pest management and pesticides
3. Laws and regulations
4. PPE

Category 8 – Public Health

Program 1 (2015)

1. Equipment calibration, safe application techniques
2. Pests, pest management and pesticides, including vector disease transmission
3. Reduction of off-target movement/drift of pesticides

Program 2 (2016)

1. Recognition of sensitive areas, including groundwater and other non-target sites and organisms (pollinators) as potentially impacted by pesticide applications, drift and runoff.
2. Pests, pest management and pesticides, including a variety of environments ranging from streams to inside of buildings
3. Pesticide labels, including restricted entry intervals

Program 3 (2017)

1. Safe handling and storage of pesticides
2. Pests, pest management and pesticides, including nonchemical control methods
3. Laws and regulations
4. PPE

Category 9 – Regulatory Pest Control

Program 1 (2015)

1. Equipment calibration, safe application techniques
2. Pests, pest management and pesticides, including factors influencing introduction, spread, and population dynamics of relevant pests
3. Phytotoxicity
4. Pesticide drift reduction

Program 2 (2016)

1. Recognition of sensitive areas, including groundwater and other non-target sites and organisms (pollinators) as potentially impacted by pesticide applications, drift and runoff.
2. Pests, pest management and pesticides, including factors influencing introduction, spread, and population dynamics of relevant pests
3. Pesticide labels
4. Restricted entry intervals and preharvest intervals

Program 3 (2017)

1. Safe handling and storage of pesticides
2. Pests, pest management and pesticides, including factors influencing introduction spread, and population dynamics of relevant pests
3. Laws and regulations
4. PPE

Category 10 - Demonstration and Research

Program 1 (2015)

1. Equipment calibration and safe application techniques
2. Pests, pest management and pesticides
3. Phytotoxicity
4. Pesticide drift reduction

Program 2 (2016)

1. Recognition of sensitive areas, including groundwater and other non-target sites and organisms (pollinators) as potentially impacted by pesticide applications, drift and runoff.
2. Pests, pest management and pesticides
3. Pesticide labels
4. Restricted entry intervals and preharvest intervals

Program 3 (2017)

1. Safe handling and storage of pesticides
2. Pests, pest management and pesticides
3. Laws and regulations
4. PPE

Category 11 - Aerial Application

This category will follow the same standards listed in Category 1 - Ag Pest Control and must include agricultural weed, insect and disease control under the "Pests and pest management" topic.

Category H - Pesticide Handler

Program 1 (2015)

1. Calibrating dispensing systems or use of measuring devices
2. Recognizing pesticide poisoning symptoms
3. Formulation-specific mixing procedures
4. Community issues such as non-target injury associated with pesticide handling and storage facilities, including disposal and runoff

Program 2 (2016)

1. Recognition of sensitive areas, including groundwater and other non-target sites and organisms (pollinators) as potentially impacted by pesticide applications, drift and runoff.
2. Responding to spills and accidents
3. Pesticide labels
4. Pesticide container handling and disposal

Program 3 (2017)

1. Safe handling and storage of pesticides
2. PPE
3. Laws and regulations
4. Secondary containment requirements